Carlos Willian Silva Camargos

Full Stack Developer

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ABOUT ME

Since childhood, I have been passionate about technology, which motivates me to continue studying and seeking new knowledge to become a more well-rounded professional. I am about to complete my undergraduate degree and throughout the course, I have gained solid knowledge, particularly in C++, C, and Java programming languages, as well as PostgreSQL database through various subjects and participation in scientific research projects. A year ago, I entered the workforce, and during this journey, I gained practical experience, enhanced the concepts I learned in college, and acquired skills in new languages, frameworks, and technologies such as JavaScript, React, NestJS, and SQL Server. I have a knack for learning new things, and currently, I am dedicated to studying Java and Spring.

TECHNOLOGIES

- C
- C++
- Java
- Python
- JavaScript
- React
- NestJS
- HTML and CSS
- PostgreSQL
- SQL Server
- Git and GitHub
- Spring (studying)

ACADEMIC EDUCATION

Federal Institute of Education, Science, and Technology of Minas Gerais (IFMG)
Bachelor's degree in Computer Engineering - Completion in 2023

PROFESSIONAL EXPERIENCE

EloGroup
Intern Developer - May 2022 to April 2023:
I primarily worked with the JavaScript language, developing solutions on the Sydle business process management platform. I also worked implementing an API using NestJS and TypeScript. SQL Server and PostgreSQL databases were used on projects.

Undergraduate Research Project

Scholarship Holder – ROBÔ AUTOMÁTICO PARA PLANTIO DE ALHO – May 2019 to September 2021:

During the development of this project, an automatic robot capable of planting garlic cloves was built. I had full participation in all stages, from the conception and construction of the robot's mechanical and electrical structure to the development of the control software. To implement the software, I used the Arduino and ESP32 platforms, utilizing the C and C++ languages. In the mechanical and electrical aspect of the project, I worked with SolidWorks, Proteus, and KiCad software. It is worth noting that the outcome of this work was recognized with the 3rd place at the IX Scientific Initiation Seminar, held during the Planeta IFMG event from July 7th to 9th, 2021.

Technology Innovation Project

Scholarship Holder – SISTEMA MODULAR SEM FIO PARA CONTROLE INTEGRADO DE ENERGIA E ACESSO – February 2022 to September 2022:

I had full participation in all stages of this project. During its execution, a prototype of a system for monitoring and controlling electricity consumption in various types of installations was developed and built. The system consists of two electronic devices that communicate via Bluetooth. One of the devices uses an Arduino, while the other uses an ESP32. The KiCad software was used for the design of the electronic boards of the devices. As for the programming of the mentioned platforms, the C and C++ languages were used.

LANGUAGES

- Portuguese – Native speaker
- English – Advanced